

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D206-628 REV. E

REF FAA STC: SA00500SE

REF CANADIAN STC: SH98-14

To help prevent the D206-628-XXX Heli-Access-Steps from sliding down the crosstubes during operation, D2732-030 Rubber Cushions have replaced the D2856-400-625/-690 Abrasion Strips in the kits shown in Table 1. The parts lists are amended as shown in Tables 2a and 2b or 3a and 3b. Install the D2732-030 Rubber Cushions as shown in Figure 1.

For customers who would like to upgrade their D206-628-011/-012/-013/-014/-021/-022/-023/-024/-031/-032/-033/-034 Heli-Access-Steps to have the D2732-030 Rubber Cushions, DSI 9332-011/-021 kits available as shown in Table 4. Remove the abrasion strips as described on Sheet 3 and install the DSI 9332-011/-021 kits as shown in Figure 1.

**Table 1: D206-628-XXX Kits with D2732-030 Rubber Cushion**

INSTALLATION	CHG NUMBER
D206-628-011/-012/-021/-022/-023/-024/-031/-032/-033/-034	003 OR LATER
D206-628-013/-014	004 OR LATER

**Table 2a: Parts to Remove**

Qty -011	Qty -012	Qty -021	Qty -022	Qty -031	Qty -032	PART NUMBER	DESCRIPTION
X						D206-628-011	206 A/B STEP INSTALLATION LH
	X					D206-628-012	206 A/B STEP INSTALLATION RH
		X				D206-628-021	206 L/L1/L3/L4 STEP INSTALLATION LH
			X			D206-628-022	206 L/L1/L3/L4 STEP INSTALLATION RH
				X		D206-628-031	407 STEP INSTALLATION LH
					X	D206-628-032	407 STEP INSTALLATION RH
1	1			2	2	D2856-400-625	ABRASION STRIP
1	1	2	2			D2856-400-690	ABRASION STRIP
4	4			4	4	AN4-11A	BOLT
4	4	4	4	4	4	AN4-12A	BOLT
		4	4			AN4-13A	BOLT

**Table 2b: Parts to Add**

Qty -011	Qty -012	Qty -021	Qty -022	Qty -031	Qty -032	PART NUMBER	DESCRIPTION
X						D206-628-011	206 A/B STEP INSTALLATION LH
	X					D206-628-012	206 A/B STEP INSTALLATION RH
		X				D206-628-021	206 L/L1/L3/L4 STEP INSTALLATION LH
			X			D206-628-022	206 L/L1/L3/L4 STEP INSTALLATION RH
				X		D206-628-031	407 STEP INSTALLATION LH
					X	D206-628-032	407 STEP INSTALLATION RH
8	8	8	8	8	8	D2732-030	RUBBER CUSHION
4	4			4	4	AN4-13A	BOLT
4	4	4	4	4	4	AN4-14A	BOLT
		4	4			AN4-15A	BOLT

B	ADD DSI 9403-011/-021 KITS	PH	08.01.24
A	NEW ISSUE	MB	06.05.10
REV.	DESCRIPTION	BY	DATE
DESIGN	PH	<b>DART AEROSPACE USA, INC</b> PORT HADLOCK, WA	
DRAWN	PH		
CHECKED	LE	DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9332	SHEET 1 OF 4
APPROVED	<del>HA</del>	TITLE	SCALE
DE APPR.	<del>HA</del>	RUBBER CUSHION ADDITION	NTS
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**Table 3a: Parts to Remove**

Qty -013	Qty -014	Qty -023	Qty -024	Qty -033	Qty -034	PART NUMBER	DESCRIPTION
X						D206-628-013	206 A/B FLOAT STEP INST. LH
	X					D206-628-014	206 A/B FLOAT STEP INST. RH
		X				D206-628-023	206 L/L1/L3/L4 FLOAT STEP INST. LH
			X			D206-628-024	206 L/L1/L3/L4 FLOAT STEP INST. RH
				X		D206-628-033	407 FLOAT STEP INST. LH
					X	D206-628-034	407 FLOAT STEP INST. RH
1	1			2	2	D2856-400-625	ABRASION STRIP
1	1	2	2			D2856-400-690	ABRASION STRIP
4	4					AN4C11A	BOLT
4	4	4	4	8	8	AN4C12A	BOLT
		4	4			AN4C13A	BOLT

**Table 3b: Parts to Add**

Qty -013	Qty -014	Qty -023	Qty -024	Qty -033	Qty -034	PART NUMBER	DESCRIPTION
X						D206-628-013	206 A/B FLOAT STEP INST. LH
	X					D206-628-014	206 A/B FLOAT STEP INST. RH
		X				D206-628-023	206 L/L1/L3/L4 FLOAT STEP INST. LH
			X			D206-628-024	206 L/L1/L3/L4 FLOAT STEP INST. RH
				X		D206-628-033	407 FLOAT STEP INST. LH
					X	D206-628-034	407 FLOAT STEP INST. RH
8	8	8	8	8	8	D2732-030	RUBBER CUSHION
4	4					AN4C13A	BOLT
4	4	4	4	8	8	AN4C14A	BOLT
		4	4			AN4C15A	BOLT

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MFG. APPR.	N/A	DSI 9332	SHEET 2 OF 4
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DE APPR.	<del>PH</del>	RUBBER CUSHION ADDITION	NTS
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**Table 4: Upgrade Kits**

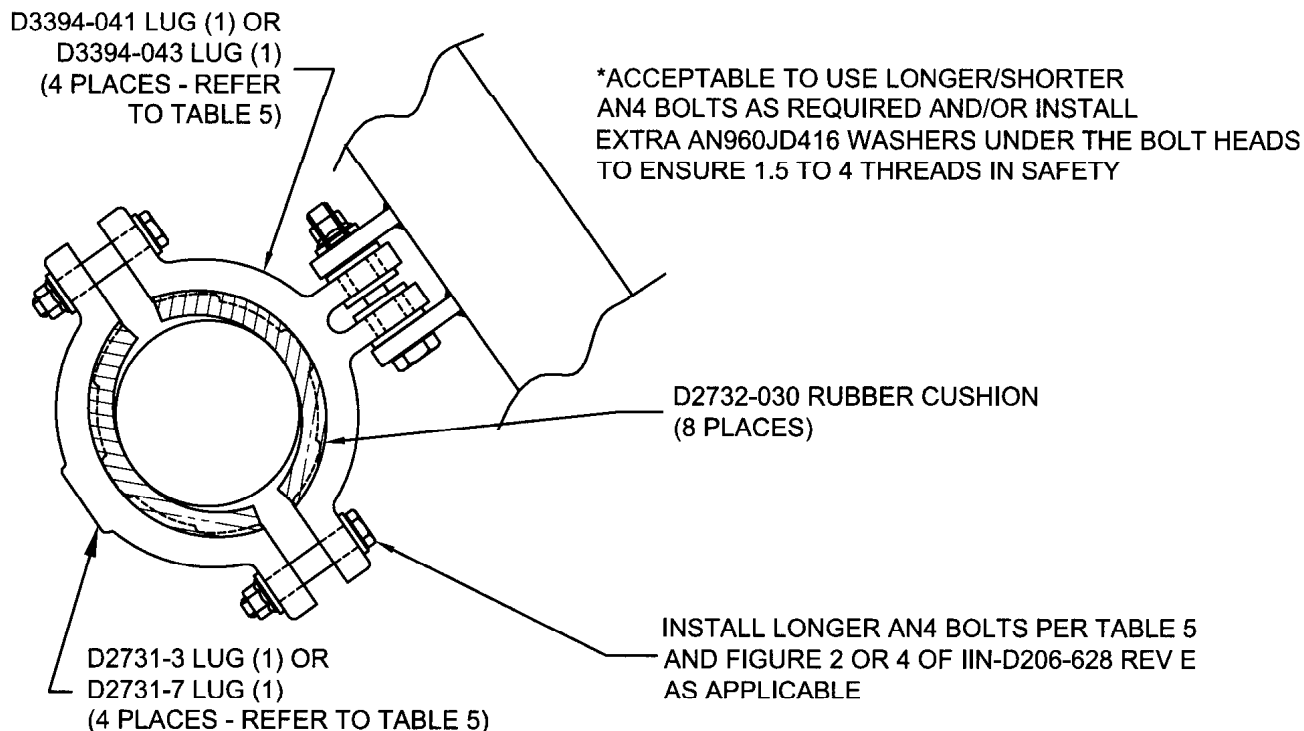
QTY -011	QTY -021	PART NUMBER	DESCRIPTION
X		DSI 9332-011	RUBBER CUSHION KIT (D206-628-011/-012 206 A/B STEPS) (D206-628-021/-022 206L STEPS) (D206-628-031/-032 407 STEPS)
	X	DSI 9332-021	RUBBER CUSHION KIT (D206-628-013/-014 206 A/B FLOAT STEPS) (D206-628-023/-024 206L FLOAT STEPS) (D206-628-033/-034 407 FLOAT STEPS)
8	8	D2732-030	RUBBER CUSHION
4		AN4-13A	BOLT
4		AN4-14A	BOLT
4		AN4-15A	BOLT
16		AN960JD416	WASHER
8		MS21042L4	NUT (OR MS21042-4)
	4	AN4C13A	BOLT
	8	AN4C14A	BOLT
	4	AN4C15A	BOLT
	16	AN960C416	WASHER
	16	NAS1515H4L	WASHER
	8	MS21043-4	NUT

**Note:** Some AN4 bolts will not be used for all installations

#### ABRASION STRIP REMOVAL

1. Being careful not to mark/scratch the part on which it is installed, lift edge and carefully peel Abrasion Strip at an angle of 90 to 180 degrees. Speed and angle of removal may affect amount of residue and the amount of paint removed.
2. Remove adhesive with 3M 8908 Woodgrain and Stripe Remover (or equivalent). Scrape softened adhesive off the surface using plastic squeegee after the remover has sat for the required amount of time. Repeat if required.
3. Remove remaining adhesive by scrubbing area with a cloth and 3M 8908 Woodgrain and Stripe Remover (or equivalent). Scotchbrite may be used as required.
4. Saturate a clean cotton cloth with Methyl Ethyl Ketone (MEK), 4105S Wash'n'Wipe Degreaser followed by alcohol, or equivalent and wipe the surface to clean the entire area.

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**FIGURE 1: DSI 9332-011 RUBBER CUSHION INSTALLATION (REGULAR STEPS)**  
(DSI 9332-021 KIT (FLOAT STEPS), SIMILAR)

**Table 5: Bolts/Lugs for Installation**

Aircraft	Location	Lugs	Bolts to Use for Regular Steps	Bolts to Use for Float Compatible Steps
206 B Series	Aft X-tube	D3394-041/ D2731-3	AN4-13A	AN4C13A
	Fwd X-tube	D3394-043/ D2731-7	AN4-14A	AN4C14A
206 L Series	Aft X-tube	D3394-043/ D2731-7	AN4-15A	AN4C15A
	Fwd X-tube	D3394-043/ D2731-7	AN4-14A	AN4C14A
407 Series	Aft X-tube	D3394-041/ D2731-3	AN4-13A	AN4C14A
	Fwd X-tube	D3394-041/ D2731-3	AN4-14A	AN4C14A

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